

AMENDMENT

Kindly amend the application, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

IN THE CLAIMS:

Kindly amend the application, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, to read as follows:

1. (Previously Presented) A composition comprising
 - (i) a surface coating material;
 - (ii) a first substrate;
 - (iii) a first enzyme;
 - (iv) a second enzyme from a marine organism;
wherein the first substrate and the first enzyme react to generate a second substrate upon which the second enzyme acts, whereby an anti-foulant compound is generated.
2. (Previously Presented) A composition according to claim 1 wherein the second enzyme is from a marine algae.
3. (Previously Presented) A composition according to claim 1 wherein the second enzyme is from *Chondrus cripus*.
4. (Previously Presented) A composition according to claim 1 wherein the second enzyme is hexose oxidase.
5. (Cancelled)
6. (Previously Presented) A composition according to claim 1 wherein the second substrate is a sugar.

7. (Original) A composition according to claim 6 wherein the sugar is glucose.

8. (Cancelled)

9. (Previously Presented) A composition according to claim 1 wherein the first enzyme is amyloglucosidase.

10. (Previously Presented) A composition according to claim 1 wherein the first substrate is starch.

11. (Previously Presented) A composition according to claim 1 wherein the composition further comprises a binder to immobilise at least one of the constituents of the composition.

12. (Original) A coating consisting of a composition according to claim 1.

13. (Original) A coating according to claim 12 formulated for treatment of a surface selected from outdoor wood work, external surface of a central heating system, and a hull of a marine vessel.

14 (Previously Presented) A marine anti-foulant consisting of a composition according to claim 1.

15. (Previously Presented) A marine anti-foulant according to claim 14 wherein the anti-foulant is self-polishable.

16-29. (Cancelled)

30. (Previously Presented) A composition comprising

- (i) a surface coating material;
- (ii) a first substrate;

- (iii) amyloglucosidase as a first enzyme;
- (iv) hexose oxidase as a second enzyme;

wherein the first substrate and the first enzyme react to generate a second substrate upon which the second enzyme acts, whereby an anti-foulant compound is generated.

31. (Previously Presented) The composition of claim 30, wherein the hexose oxidase is from a marine organism.

32. (Previously Presented) The composition of claim 31, wherein the hexose oxidase is from *Chondrus cripus*.

33. (Previously Presented) The composition of claim 30, wherein the hexose oxidase enzyme comprises the amino acid sequence set out in SEQ ID NO: 1.

34. (Previously Presented) The composition of claim 30, wherein the second substrate is a sugar.

35. (Previously Presented) The composition of claim 34, wherein the sugar is glucose.

36. (Previously Presented) The composition of claim 30, wherein the first substrate is starch.

37. (New) An anti-fouling composition comprising:

- (i) a surface coating material;
- (ii) an enzyme from *Chondrus cripus*; and
- (iii) a substrate for the enzyme;

wherein the enzyme is hexose oxidase having the amino acid sequence set forth in SEQ ID NO: 2, and the substrate is sugar, such that an anti-foulant compound is generated by action of the enzyme on the substrate.